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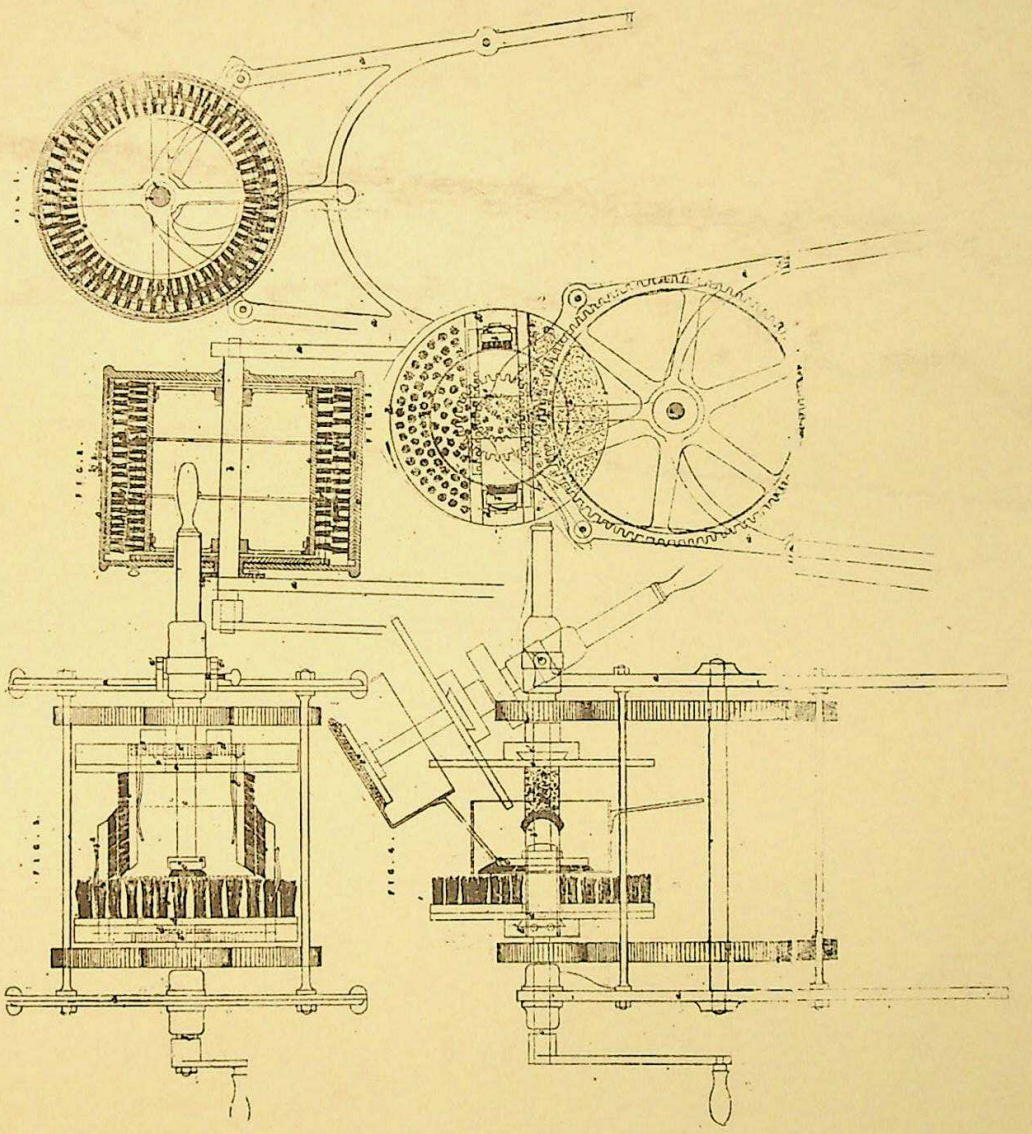
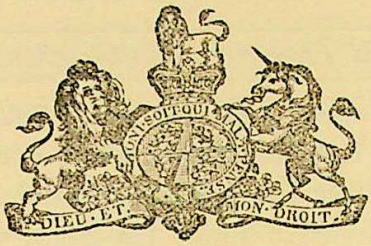
WALTON & LE FRANÇOIS



cutlery cleaners



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Cleaning knives forks and culinary vessels

A.D. 1856 . . . . . N° 244. W

Apparatus for Cleaning Cutlery and Culinary Utensils.

LETTERS PATENT to Joseph Fowell Walton, of Sarratt Hall, Rickmansworth, Herts, and Honore Le François, of Lambeth, in the County of Surrey, for the Invention of "IMPROVEMENTS IN CLEANING FORKS, SPOONS, STEW PANS, AND OTHER CULINARY UTENSILS."

Sealed the 24th June 1856, and dated the 29th January 1856.

PROVISIONAL SPECIFICATION left by the said Joseph Fowell Walton and Honore Le François at the Office of the Commissioners of Patents, with their Petition, on the 29th January 1856.

We, JOSEPH FOWELL WALTON, of Sarratt Hall, Rickmansworth, Herts, and HONORE LE FRANÇOIS, of Lambeth, in the County of Surrey, do hereby declare the nature of the Invention for "IMPROVEMENTS IN CLEANING FORKS, SPOONS, STEW PANS, AND OTHER CULINARY UTENSILS," to be as follows:—

The articles to be cleaned are placed in drums or cylinders containing suitably formed brushes, which revolve with the cylinders or drums, the articles to be cleaned being held stationary, while the cylinders or drums and brushes revolve. The cylinders or drums are mounted on an axis or on axes, and motion is given thereto by means of a winch handle or by a crank. Those drums or cylinders, used for cleaning silver or plated forks and spoons, and those used for cleaning metal forks, are similar in construction, but the brushes of those used for cleaning steel forks, should be composed of coarser

hair or bristles than those used for silver or plated forks, and also instead of using whitening or rouge, bath brick dust or emery would be preferable. For cleaning stew pans, and other like articles, the brushes are so mounted, that some of the brushes are caused to cleanse the inside, while others are caused to act upon the exterior or outsides thereof simultaneously; and in order that the machine may be capable of cleansing vessels of different dimensions, the brushes are made and mounted so that they may be made to approach towards or recede from each other by means of a rack and pinions, or by screws or wedges in lieu thereof. Such articles as spoons, forks, &c. are placed in openings suitably formed to receive them in discs, which are prevented from revolving with the drums or cylinders by means of pins or screws carried by the framing entering therein; each cylinder has an opening provided with a close cover where cleansing powder may be introduced. The drums or cylinders for the different purposes herein mentioned may be all three mounted on one axis and form one machine, or each one may be mounted separately, and be complete in itself, and independent of the other. The axes may be either driven at once by a winch handle or crank axis, or toothed wheels may be employed in such cases where extra speed or power be required.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Joseph Fowell Walton and Honore Le François in the Great Seal Patent Office on the 29th July 1856.

TO ALL TO WHOM THESE PRESENTS SHALL COME, we, JOSEPH FOWELL WALTON, of Sarratt Hall, Rickmansworth, Herts, and HONORE LE FRANÇOIS, of Lambeth, in the County of Surrey, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Twenty-ninth day of January, in the year of our Lord One thousand eight hundred and fifty-six, in the nineteenth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto us, the said Joseph Fowell Walton and Honore Le François, Her special licence that we, the said Joseph Fowell Walton and Honore Le François, our executors, administrators, and assigns, or such others as we, the said Joseph Fowell Walton and Honore Le François, our executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain

and Ireland, the Channel Islands, and Isle of Man, an Invention for IMPROVEMENTS IN CLEANING FORKS, SPOONS, STEW PANS, AND OTHER CULINARY UTENSILS," upon the condition (amongst others) that we, the said Joseph Fowell Walton and Honore Le François, our executors or administrators, by an instrument in writing under our or their hands and seals, or under the hand and seal of one of us or them, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said Joseph Fowell Walton, on behalf of myself and the said Honore Le François, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, that is to say:—

The articles to be cleaned are placed in drums or cylinders containing suitably formed brushes, which revolve with the cylinders or drums, the articles to be cleaned being held stationary, while the cylinders or drums and brushes revolve. The cylinders or drums are mounted on an axis or on axes, and motion is given thereto by means of a winch handle or by a crank. Those drums or cylinders used for cleaning silver or plated forks and spoons and those used for cleaning metal forks are similar in construction, but the brushes of those used for cleaning steel forks are by preference composed of coarser hair or bristles than those used for silver or plated forks, and also instead of using whitening or powders, rough bath brick dust, sand, or emery would be preferable. For cleansing stew pans and other culinary utensils, the brushes are so mounted, that some of the brushes are caused to cleanse the inside, while others are caused to act upon the exterior or outside thereof simultaneously; and in order that the machine may be capable of cleansing vessels of different dimensions, the brushes are made and mounted so that they may be made to approach towards or recede from each other by means of racks and pinions, or by screws or wedges in lieu thereof. Such articles as spoons, forks, &c. are placed in openings suitably formed to receive them in discs or racks, which are prevented from revolving with the drums or cylinders by means of pins or screws or arms carried by the framing entering therein; each cylinder has an opening provided with a close cover where cleansing powder may be introduced. The drums or cylinders or discs for the different purposes herein mentioned may be all mounted on one axis and form one machine, or each one may be mounted separately, and be complete in itself

and independant of the other. The axes may be either driven at once by a winch handle or crank axis, or toothed wheels or fly wheel may be employed in such cases where extra speed or power be required.

Having thus stated the nature of our Invention, and the manner of performing the same, we will proceed to describe the Drawing hereunto annexed.

Description of the Drawing.

Figure 1 shows a transverse vertical section, and Figure 2 a longitudinal section, of a machine arranged and constructed according to our Invention suitable for cleansing forks, spoons, &c. *a* is the framing of the machine; *b* is the axis of the drum or cylinder *c*, within which are the brushes *d* and *e*; *f*, *f*, are two discs or frames fixed to the framing *a*, having suitable openings *g*, *g*, formed therein to receive the articles to be cleaned. The articles being thereby held, are prevented from revolving with the drum or cylinder *c*, and are consequently subjected to the action of the brushes *d* and *e*, by which they become cleansed, and suitable cleansing materials are placed within the drum or cylinder at the opening *h*, formed for that purpose. Figures 3, 4, and 5 represent respectively a plan, a side view, and a transverse section of a machine suitable for cleansing stew pans, and other culinary utensils, according to our Invention. *a* is the framing of the machine; and *b*, *c*, are axes which carry the several brushes. The axis *c* is made capable of moving on a centre c^1 into position shown by the dotted lines in side view, Figure 4; the stew pan or other culinary article to be cleansed is to be placed bottom upwards on to the brush *c*, as shown; the axis *c* is then to be placed into its working position, by which the exterior bottom of the article to be cleansed will be brought against the face of the brush b^1 on the axis *b*. The brushes b^2, b^2, will then be caused to close upon the outside of the article in order to cleanse the outsides thereof, and the brushes c^2, c^2, are caused to approach the insides of the pan or other article to be cleansed. For this purpose, the brushes b^2, b^2, and c^2, c^2, are mounted on suitable slides, which move respectively in the slots d^1 and e^1, of the discs *d* and *e*, slides being provided with suitable racks b^3, b^3, c^3, c^3, shewn by dotted lines taken into by the teeth of the pinions b^4, c^4, so that by holding the discs *d* and *e* respectively during the movement of their axes *b* and *c*, the brushes carried by the slides will be caused to approach to or recede from their axes *b* and *c*, so that any diameters of culinary apparatus within the range of the discs *d* & *e* and racks b^3 & c^3 may be placed and cleansed by the machine.

Having thus described the nature of our Invention, and the manner of performing the same, we wish it to be understood that we do not purpose

confining ourselves to the precise details given, as they may be slightly varied without departing from our Invention; but what we claim is, the arrangement and construction of machines for cleansing forks, spoons, stew pans, and other culinary utensils, as herein described.

In witness whereof, I, the said Joseph Fowell Walton, have hereunto set my hand and seal, this Twenty-ninth day of July, in the year of our Lord One thousand eight hundred and fifty-six.

J. F. WALTON. (L.S.)

Witness,

FREDK HARRIS.

LONDON:
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Printers to the Queen's most Excellent Majesty. 1856.